

# **Project Systems and Support**

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Electrical Utilities



Site Fabrication Services



Hanford Fire Department



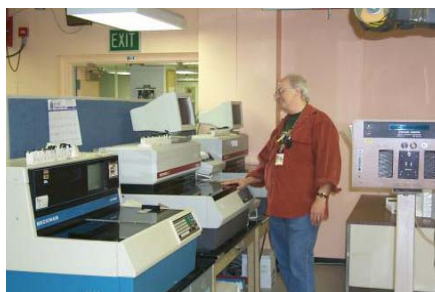
Fleet Maintenance



Heavy Equipment



Water Utilities



Analytical Services



Crane and Rigging

## OVERVIEW

Project Systems and Support (PS&S) consists of Project Baseline Summary (PBS) RL-SS02, *Landlord and Site Services*.

The Stewardship Strategic Planning and Requirements PS&S scope within PBS RL-SC01, *Near Term Stewardship*, can be found in Section F, *Waste Management Project*, where the two portions of this PBS are addressed.

NOTE: Unless otherwise noted, all information contained herein is as of the end of September 2003.

## TOP FY 2003 ACCOMPLISHMENTS

**Site Fabrication Services (SFS) Shipping Cask Repair:** SFS completed an emergency request to repair a shipping cask platform damaged off-site in support of a critical milestone for Waste Management operations. The customer provided the following statement. *"Please convey to all the personnel that supported this repair effort, FH Transportation and Safety Operations and Waste Services greatly appreciates the willingness of the personnel that supported this work. These personnel sacrificed time with their families over the Christmas and New Years Holiday's to ensure completion of this task, and for that, we are thankful. This work was completed in an expeditious and safe manner by superior craftsmen. The quality of their work was outstanding and makes them best in class. Their dedication and craftsmanship will ensure that a highly visible DOE project will be completed in a safe and timely manner."*

**Project L-338, Septic Tank Soil Absorption System to Relieve**

**2607-W1:** This project designed and installed a soil absorption system (drain field) for the central and northern portions of the 200 West Area, including the Plutonium Finishing Plant (PFP). This system provides relief to the existing undersized system that was failing to meet load requirements. The final inspection was performed by the Washington State Department of Health on January 27, 2003, and the system was put into operation on January 30, 2003.



**Yakima Barricade (604A) Water and Sewer Compliance**

**Modifications:** This project replaced the existing sewage disposal system and provided for a sanitary water system by installing a potable water trailer at the Yakima Barricade. The old septic tank soil absorption system at the Yakima Barricade was an unapproved system that had failed. Washington Administrative Code 246-272-16501 requires a failed septic system be repaired or replaced. The fixed price contractor completed all fieldwork on February 24, 2003.

**2003 Hanford Field Exercise:** On June 19, 2003, the Hanford Site Emergency Preparedness organization conducted the 2003 Hanford Field Exercise. This exercise demonstrated the Site's readiness to respond to an accident involving a radioactive release from the PFP, located in the 200 West Area. It further demonstrated continued improvements since the 2002 Hanford Field Exercise, and supports the confidence of our employees and other stakeholders that we can respond to serious emergency conditions.

## **TOP FY 2003 ACCOMPLISHMENTS, CONTINUED**

**Automated Job Hazards Analysis (AJHA) Program Receives National Voluntary Protection Program (VPP) Award:** The U.S. Department of Labor and Occupational Safety and Health Administration, along with the U.S. Department of Energy, sponsor their respective VPPs. As a result of the VPPs, a national association was founded and made up of companies across the country that participate, or are looking to participate, in the VPPs. This is called the Voluntary Protection Program Participants Association (VPPPA). The VPPPA meets annually to foster safety in the work place, and recognize those individuals and companies that have made exceptional contributions to the mission during the previous year. The VPPPA offers three annual awards, two for outreach and one for innovation. This July the FH AJHA program was selected to receive the 2003 Innovation Award. The award was presented to Miles Jaeger and Mark Hermanson at the Opening General Session of the 19th Annual National VPPPA Conference on September 8, 2003, in Washington D.C.

**Project L-298, FY 2003 Road Refurbishment:** This project paved Route 11A from State Route 240 (Yakima Barricade) to Route 6N; and Route 4S from Route 11A to the railroad crossing just north of the 2704HV Facility Entrance Road. Field construction began on June 16, 2003, and was completed on July 3, 2003.



## **NOTABLE SEPTEMBER ACCOMPLISHMENTS**

**Project L-385, 200 East Administrative Building Safety Improvement:** This project replaced the plywood fascia, soffit, and wall siding panels on buildings 2751E, 2753E, and 2727E; and the plywood panels on the 2752E Building, which were causing structural and health safety concerns. Installation of the siding and fascia, and placement of rock for drainage around the four buildings, was completed on September 25, 2003. This project also repaired the 2751E and 2727E Buildings roofs, which had been experiencing leaks. The roofs were replaced with a new single-ply Ethylene Propylene Diene Monomer roof system in mid-September. In addition, the security programs testing and development room located in the 2727E Building was cooled with a glycol-loop system. The manufacturer of that equipment had gone out of business and parts were difficult to obtain. The glycol system was removed and a more energy-efficient, conventional air conditioning system was installed in mid-September.



*Siding & Fascia on 2751E & 2752E*



*New 2727E Computer Room Cooling System*

## FY 2003 SCHEDULE/COST PERFORMANCE (\$000)

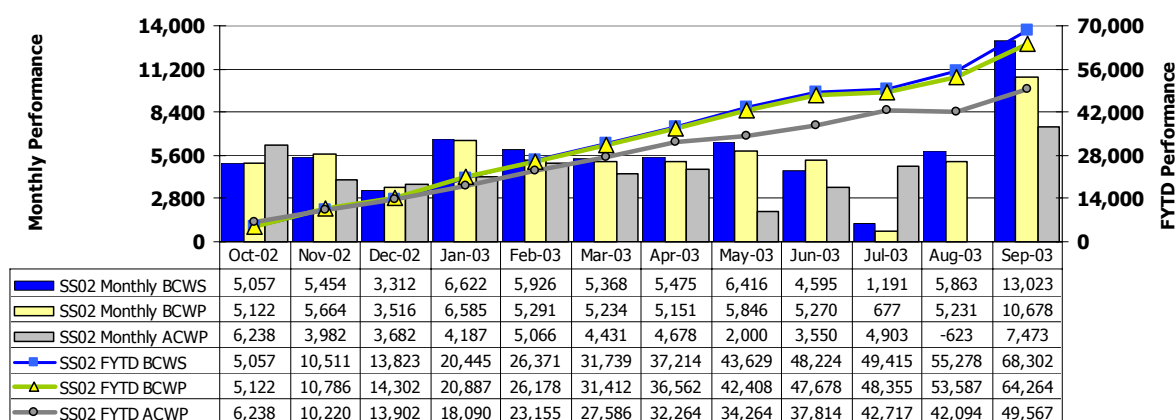
	Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
RL-SS02 Landlord & Site Services	68,302	64,264	49,567	-4,038	-6%	14,697	23%	68,302

**NOTE:** Numbers are rounded to the nearest \$K.

**Schedule Performance:** The -\$4,038K/-6% fiscal year to date (FYTD) unfavorable schedule variance is due to delays in initiating infrastructure, analytical facility, and equipment reliability upgrades pending continuing resolution and other funding issues earlier in the fiscal year. Fixed-price contracts for most of the projects given authorization to proceed were issued in August; however, due to the late start, a number of projects will carry forward into FY 2004.

**Cost Performance:** The \$14,697K/23% FYTD favorable cost variance is primarily due to the receipt of a high-technology tax credit and a favorable overhead and services rate variance distribution. Also contributing to the favorable variance are labor underruns due to diversion of crafts to other projects' work scope and staff vacancies.

### Performance Analysis FYTD and Monthly (\$000s)



## FY 2003 FH FUNDS VS FORECAST (\$000)

	Funding Received	Actual Cost	Variance
RL-SS02 Landlord & Site Services			
Project Completion - Operating	\$ 53,448	\$ 49,567	\$ 3,881